

ABSTRACT OF THE INVENTION

A single-piece three-dimensional display cover for an electronic device.

In one embodiment, the cover comprises a thin, flexible transparent layer

5 coupled with a supporting structure over a display screen and a digitizer mechanism. The flexible layer has a three-dimensional top surface and a flexible conductive paste disposed beneath it. Users input data by applying mechanical pressure on the cover which deflects it and causes the conductive paste to contact and activate a digitizing element disposed beneath. In one

10 embodiment a decorative border is molded into the cover to conceal the electrical elements of the device. In another embodiment the decorative border is disposed directly beneath the flexible cover. The cover is dust-free, waterproof, and has an outer surface that is free of any steps, openings, or indentations. In one embodiment indentations are molded into the cover to
15 indicate button functions.